

# Central Region Review



## U.S. Army Environmental Command Central Regional Office Kansas City, Missouri



★ NOVEMBER 2006 ★

★ REGIONS 6 & 7 ★

The CENTRAL REGION REVIEW provides current information on significant federal and state legislative and regulatory developments in federal Regions 6 and 7. Versar, Inc., in support of the Central Regional Environmental Office (CREO), prepares the REVIEW to assist you in your compliance efforts. Current and past issues of the REVIEW, as well as regional updates and alerts, are available on the Internet at <http://aec.army.mil/usaec/reo/creo00.html>. Please e-mail [CREO.regulatory.specialist@nwk02.usace.army.mil](mailto:CREO.regulatory.specialist@nwk02.usace.army.mil) or call (816) 389-3327 if you have any questions or suggestions, or if you would like to subscribe to the REVIEW.

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**Notice: Secretary of the Army Environmental Awards Call for Nominations for FY 2006.** The Secretary of the Army Environmental Awards Program recognizes outstanding environmental stewardship by Army installations, teams and individuals. The environmental program emphasizes innovation and accomplishments in sustainable operations, installation management and community enhancement. Each Army component is invited to participate at the highest level. Enclosed is the awards program guidance for use in developing a nomination packet. The Army did very well last year to capture four of the Secretary of Defense environmental awards, and I look forward to having the Army family do just as well this year. **Nominations are due by close of business on 4 Dec 2006.** The winners will be announced in Jan 07 and represent the Army in the SECDEF environmental awards competition. For details regarding nomination procedures, please go to <http://aec.army.mil/usaec/publicaffairs/awards00.html>.

**Stakeholders Guide Books Now Available on Denix.** These four guidebooks were developed to help DoD officials and installations to gain an understanding as to how state and local governments make land use decisions that may affect military operations and to facilitate communications and potential collaboration among stakeholders on encroachment issues as well as land use planning and working with land trusts. For a hard copy of any or all of the guides, please call either the Region 6 Army REC at (816) 389-3450 or the Region 7 Army REC at (816) 389- 3448.

The links to these and other tools are

<https://www.denix.osd.mil/denix/Public/Library/Sustain/Ranges/sustainableranges.html>.

**Working with State Legislators: A Guide for Military Installations and State Legislators - by National Conference of State Legislatures (NCSL).** The specific link to the NCSL guide is

<https://www.denix.osd.mil/denix/Public/Library/Sustain/Ranges/SH-Guidebooks/Guide-NCSL-State-Legislators.pdf>

**Working with Local Governments: A Practical Guide for Installations - by International City/County Management Association (ICMA) and National Association of Counties (NACo).** The link to the NACo guide is

<https://www.denix.osd.mil/denix/Public/Library/Sustain/Ranges/SH-Guidebooks/Guide-ICMA-NACo-LocalGovernment.pdf>.

**Collaborative Land Use Planning: A Guide for Military Installations and Local Governments - by International City/County Management Association (ICMA) and Metropolitan Institute at Virginia Tech (MIVT).** To access this guide, please go to [https://www.denix.osd.mil/denix/Public/Library/Sustain/Ranges/SH-Guidebooks/Guide\\_ICMA\\_MIVT\\_Collab-Land-Use.pdf](https://www.denix.osd.mil/denix/Public/Library/Sustain/Ranges/SH-Guidebooks/Guide_ICMA_MIVT_Collab-Land-Use.pdf)

**Working with Land Trusts: A Guide for Military Installations and Land Trusts - by Land Trust Alliance (LTA).**

This guide can be found at [https://www.denix.osd.mil/denix/Public/Library/Sustain/Ranges/SH-Guidebooks/LTA\\_092706-final.pdf](https://www.denix.osd.mil/denix/Public/Library/Sustain/Ranges/SH-Guidebooks/LTA_092706-final.pdf).

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## REGION 6 STATE ACTIVITY

### Regulatory & Legislative Web Sites

Arkansas Department of Environmental Quality (ADEQ)	<a href="http://www.adeq.state.ar.us">http://www.adeq.state.ar.us</a>
Arkansas General Assembly	<a href="http://www.arkleg.state.ar.us/">http://www.arkleg.state.ar.us/</a>
Louisiana Department of Environmental Quality (LDEQ)	<a href="http://www.deq.state.la.us">http://www.deq.state.la.us</a>
Louisiana Legislature	<a href="http://www.legis.state.la.us/">http://www.legis.state.la.us/</a>
New Mexico Environment Department (NMED)	<a href="http://www.nmenv.state.nm.us/">http://www.nmenv.state.nm.us/</a>
New Mexico Legislature	<a href="http://legis.state.nm.us/">http://legis.state.nm.us/</a>
Oklahoma Department of Environmental Quality (ODEQ)	<a href="http://www.deq.state.ok.us">http://www.deq.state.ok.us</a>
Oklahoma Legislature	<a href="http://www.lsb.state.ok.us/">http://www.lsb.state.ok.us/</a>
Texas Commission on Environmental Quality (TCEQ)	<a href="http://www.tceq.state.tx.us/">http://www.tceq.state.tx.us/</a>
Texas Legislature	<a href="http://www.capitol.state.tx.us/">http://www.capitol.state.tx.us/</a>

## ARKANSAS

## Legislative/Regulatory Activity

**NOTICE:** With regard to any regulations, installation staff is requested to contact their respective component REC with information on mission or installation impacts, questions or comments, and an expression of interest to participate in stakeholder work group.

The Arkansas legislature will be in session beginning 8 January and will adjourn 9 March 2007.

### STATE OF ARKANSAS PROPOSED RULES

**(NEW) AR Pollution Control and Ecology Commission Proposed Regulations: Repeal of Procedures for the Creation of Regional Solid Waste Management Districts (Regulation No. 24).** The Commission is proposing to repeal Regulation No. 24 governing the procedures for the creation of regional solid waste management districts. The Commission proposes the repeal because all of its relevant provisions have recently been incorporated into Commission Regulation No. 22, the Solid Waste Management Code. A public hearing was held on 30 October 2006. Comments are due on 11 November 2006. The proposed amendments are available at [http://www.adeq.state.ar.us/regs/drafts/reg24\\_draft\\_docket\\_06-007-](http://www.adeq.state.ar.us/regs/drafts/reg24_draft_docket_06-007-)

[R/reg24\\_draft\\_docket\\_06-007-R\\_markup.pdf](#). For more information, please call Doug Szenher at (501) 682-0915.

**(NEW) AR Pollution Control and Ecology Commission Proposed Regulations: Triennial Revisions to the Water Quality Standards (Regulation No. 2).** The Commission is proposing amendments to its water quality standards (Regulation No. 2) in response to its Triennial Review. The revisions add a new section that establishes procedures for the removal of the designated uses of Extraordinary Resource Water (ERW), Ecologically Sensitive Waterbody, and Natural and Scenic Waterway for the purpose of constructing a reservoir on a free flowing waterbody to provide a domestic water supply. The revisions also add new physical alteration requirements and permit requirements, and requirements for ERW and other designations. Public hearings will be held on 11, 20, and 27 November 2006, 4, and 11 December 2006, and 4, 18, and 22 January 2007. Comments are due 5 February 2007. The proposed amendments are available at [http://www.adeq.state.ar.us/regs/drafts/reg02\\_draft\\_docket\\_06-010-R/reg02\\_draft\\_docket\\_06-010-R\\_amended2\\_markup.pdf](http://www.adeq.state.ar.us/regs/drafts/reg02_draft_docket_06-010-R/reg02_draft_docket_06-010-R_amended2_markup.pdf). For more information, please call Doug Szenher at (501) 682-0915.

## **OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION**

**(UPDATE) AR Department of Environmental Quality Departmental Discussion: Regulations Implementing the Clean Air Interstate Rule.** The Department is discussing regulations that implement EPA's Clean Air Interstate Rule regarding sulfur dioxide (SO<sub>x</sub>) and nitrogen oxide (NO<sub>x</sub>) emissions. The Department anticipates adopting the EPA model regulations. The Commission is accepting comments on designs for the reporting form for CAIR facilities to report their gross electric output. Comments on this are due 10 November 2006. For more information, please call Elizabeth Saitan at (501) 682-0730.

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### **LOUISIANA**

### **Legislative/Regulatory Activity**

**NOTICE:** With regard to any and all legislation and or regulations, installation staff is requested to contact their respective component REC with information on mission or installation impacts, questions or comments, and an expression of interest to participate in stakeholder work group.

The Louisiana legislature will convene on 30 April and adjourn on 28 June 2007.

## **STATE OF LOUISIANA FINAL RULES**

**(Effective 20 October 2006) LA Department of Environmental Quality Final Regulations: Correction of Term Used for Version of Permit (AQ268) (LAC 33:III.531).** The Department finalized amendments to its air permit regulations regarding the correction of the term used for a version of the permit that will correct the error in the regulation for the definitions of "draft" permit and "proposed" permit. In addition, the rules correct other non-substantive language. The final amendments were published in the 20 October 2006 Louisiana Register. The effective date was 20 October 2006. The final regulations are available at <http://www.deq.louisiana.gov/portal/portals/0/planning/regs/pdf/AQ268fin.pdf>. For additional information, please call Judith Schuerman at (225) 219-3550.

**(Effective 20 October 2006) LA Department of Environmental Quality Final Rule: Emissions Factors (AQ240S) (LAC 33:III.501).** LDEQ adopted a permanent rule revision to clarify requirements set forth in LAC 33:III.919, concerning emission inventory, and LAC 33:III.507.H, concerning annual compliance certifications. On December 20, 2003, the Department promulgated final rule AQ220 to clarify and update the requirements for emissions inventory. These changes were made, in part, to correlate LAC 33:III.919 with the recently promulgated Consolidated Emissions Reporting Rule (67 FR 39602-39616, No. 111, 6/10/02). LAC 33:III.919.C was also modified to clarify that emissions reported in the emissions inventory shall be calculated using the best available information. The final permanent rules adopt most of the language of the final emergency rules on this issue. The intent of the rulemaking is to permit the Department to determine the actual basis of apparent changes in emissions when there is an emission limit discrepancy between a facility's permitted limit and the emission estimate reported in the facility's emission inventory statement. The rulemaking further clarifies the hierarchy of selecting available methods to estimate emissions and reflect existing required language regarding emission data, and to establish a notification mechanism as a means of ascertaining background information to validate reported changes

in emissions. The final amendments were published in the 20 October 2006 Louisiana Register. The effective date was 20 October 2006. The final rules are available at <http://www.deq.louisiana.gov/portal/portals/0/planning/regs/pdf/AQ240S.pdf>. For additional information, please call Lynn Willbanks (225) 765-0399.

**(Effective 20 October 2006) LA Department of Environmental Quality Final Regulations: Environmental Quality Regulations - Cleanup Package (OS070) (LAC 33:I.705 and 909).** The Department adopted amendments to its environmental quality regulations addressing cleanup standards. These amendments involve clarification in language and correction of several minor mistakes and omissions. The revisions include the penalty determination method under the administrative procedures, permit procedures for the prevention of significant deterioration, treatment standards for hazardous wastes (including injection restrictions), amendments to the groundwater monitoring list, testing requirements for organic toxic pollutants by industry category, underground storage tank registration requirements and schedules for licensing radioactive materials. The final amendments were published in the 20 October 2006 Louisiana Register. The effective date was 20 October 2006. The final amendments are available at <http://www.deq.louisiana.gov/portal/portals/0/planning/regs/pdf/OS070fin.pdf> (Page 1273). For additional information, please call Judith Schuerman at (225) 219-3550.

**(Effective 20 October 2006) LA Department of Environmental Quality Final Regulations: Public Notice Requirements for General Permits (AQ267) (LAC 33:III.513).** The Department finalized amendments to its air regulations regarding public notice requirements for General Permits. The revisions specify that the current regulatory requirements regarding public notice are only intended to cover Part 70 sources. The final amendments were published in the 20 October 2006 Louisiana Register. The effective date was 20 October 2006. The final amendments are available at <http://www.deq.louisiana.gov/portal/portals/0/planning/regs/pdf/AQ267fin.pdf>. For additional information, please call Judith Schuerman at (225) 219-3550.

## **STATE OF LOUISIANA PROPOSED RULES**

**(NEW) LA Department of Environmental Quality Proposed Regulations: Deletion of State Manifest Requirements (HW093) (LAC 33:V.1107 and 5136).** The Department is proposing amendments to its state manifest requirements for hazardous waste. The rulemaking removes state manifest requirements that are no longer valid. The amendments incorporate the federal manifest requirements that were adopted on 5 September 2006. The revisions include fee requirement changes and deletion of inconsistent language in the regulations. A public hearing will be held on 28 November 2006 with comments due on that date. The proposed amendments are available at <http://www.deq.louisiana.gov/portal/portals/0/planning/regs/pdf/HW093pro.pdf>. For additional information, please call Judith Schuerman at (225) 219-3550.

**(NEW) LA Department of Environmental Quality Proposed Regulations: Administrative Reporting Exemption for Certain Air Releases of NO<sub>x</sub> (OS076ft) (LAC 33:I.3931).** LDEQ is proposing amendments to its air quality regulations regarding the administrative reporting exemption for certain air releases of NO<sub>x</sub>. The amendments are identical to the federal requirements, which incorporate by reference USEPA administrative reporting exemptions for releases that are a result of combustion of less than 1000 pounds of nitrogen dioxide into the air in 24 hours. The non-combustion related releases of nitrogen oxide and nitrogen dioxide reportable quantities remain at 10 pounds. A public hearing will be held on 28 November 2006 with comments due on that date. The proposed regulations are available at <http://www.doa.louisiana.gov/osr/reg/0610/0610NOI.pdf> (Page 1957). For additional information, please call Judith Schuerman at (225) 219-3550.

**(UPDATE) LA Department of Environmental Quality Draft Regulation: New Rule to Reduce Particulate Matter Emissions from Abrasive Blasting (AQ249) (LAC 33:III.Chap. 13, Subchapter F).** LDEQ has issued an advance rulemaking draft for public comment that establishes new regulations for the control of particulate matter emissions from abrasive blasting. The draft regulations include guidance regarding materials that are prohibited from use as abrasives, required control equipment, maintenance of control equipment, and recordkeeping requirements. A public hearing will be held on 28 November 2006. Comments are due 5 December 2006. The proposed amendments are available at <http://www.deq.louisiana.gov/portal/portals/0/planning/regs/pdf/AQ249pro.pdf>. For additional information, please call Jennifer Mouton at (225) 219-3700.

**CREO Comment:** All installations are advised to check for impact on relevant operations.

## OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION

**(NEW) LA Department of Environmental Quality Departmental Discussion: Underground Storage Tank Amendments.** LDEQ is discussing amendments to its underground storage tank regulations to address the federal Underground Storage Tank Compliance Act. Revision areas include secondary containment, delivery prohibition, and financial assurance requirements. Staff reports that there are no current plans for rulemaking. The Department is currently negotiating with EPA regarding compliance. *For more information, please call Raul Busquet at (225) 219-3236.*

**(UPDATE) LA Department of Environmental Quality Proposed List: Collection Regional Haze Plan, BART Regulations (0603Pot2).** The Department has proposed a list of Best Available Retrofit Technology (BART) eligible sources. The Department is asking for feedback on corrections and omissions of sources. The applicable pollutants are ammonia, nitrogen oxides (NO<sub>x</sub>), particulate matter (PM<sub>10</sub>), sulfur dioxide (SO<sub>2</sub>), and volatile organic compounds (VOCs). The Department will begin a comprehensive query of the Emissions Inventory System (EIS) database to provide preliminary identification of emissions units that are potential BART sources. Staff reports that the Department has a long-standing emissions inventory. Louisiana is a member of the Central Regional Air Planning Association (CENRAP), which is an organization that identifies regional haze and visibility issues and develops strategies to address them. CENRAP also includes the states and tribal areas of Nebraska, Kansas, Oklahoma, Texas, Minnesota, Iowa, Missouri, and Arkansas. The Implementation and Control Strategies Workgroup of CENRAP has developed a template SIP for the member states. Staff reported that if the Department goes forward with a Regional Haze Plan, it is very likely that the Department would use the workgroup template. Staff reported that the Department is still determining whether Louisiana will be required to formulate a Regional Haze Program because there is only one Class I area in Louisiana and it is unique because it is an island and more information is required to determine whether there are any sources in Louisiana which would contribute to regional haze. The final List was published in the 20 October 2006 Louisiana Register with an effective date of 20 October 2006. The List of BART Eligible sources is available at <http://www.doa.louisiana.gov/osr/reg/0610/0610pot.pdf> (Page 2000). *For additional information, please contact James J. Orgeron at (225) 219-3550.*

**(Effective 29 December 2006) Approval and Promulgation of State Implementation Plans; Louisiana; Transportation Conformity.** EPA is taking direct final action approving a State Implementation Plan (SIP) revision submitted by the State of Louisiana on 13 May 2005. This revision serves to incorporate recent changes to the Federal conformity rule into the State conformity SIP. EPA is approving this SIP revision in accordance with section 176 and part D of the Clean Air Act. This rule is effective on 29 December 2006 without further notice, unless EPA receives relevant adverse comment by 29 November 2006. If EPA receives such comment, EPA will publish a timely withdrawal in the Federal Register informing the public that this rule will not take effect.

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### NEW MEXICO

### Legislative/Regulatory Activity

**NOTICE:** With regard to any regulations, installation staff is requested to contact their respective component REC with information on mission or installation impacts, questions or comments, and an expression of interest to participate in stakeholder work group.

The New Mexico legislature will begin its 2007 session on 16 January and will adjourn on 17 March.

## STATE OF NEW MEXICO PROPOSED RULES

**(NEW) NM Environment Department Proposed Regulations: Revision of Liquid Waste Disposal Regulations (20.7.3 NMAC).** NMED is proposing amendments to its liquid waste disposal regulations. In addition, amendments have been proposed by the New Mexico Homebuilders Association and the Professional On-Site Wastewater Re-use Association of New Mexico, Inc. The amendments proposed by NMED include (i) clarifications of various existing provisions and definitions, (ii) a change in the space requirements for replacement drainfields, (iii) clarification of the effect of letters of determination, (iv) clarification of water softener requirements, (v) a change in the setback required for seepage pits, (vi) a change in inspection requirements, (vii) clarification of



property transfer requirements, (viii) clarification of the effect on a permit if a lot size is changed, (ix) changes regarding advanced treatment system requirements, (x) a change in notice requirements for variances, (xi) a change in disposal field sizing requirements, (xii) changes to requirements for soil depth, (xiii) a surface application prohibition, (xiv) a change in distribution box construction requirements, (xv) a change in mound system requirements, (xvi) a change in setbacks to irrigation systems, (xvii) site condition changes, (xviii) a change in the date for NMED's certification program requirement. Amendments proposed by the New Mexico Homebuilders Association include (i) a change in the space requirements for replacement drainfields, (ii) a change in requirements for moundfields and elevated systems, and (iii) a change in inspection port requirements for conventional systems. Amendments proposed by the Professional On-Site Wastewater Re-use Association of New Mexico, Inc. include (i) changes to various definitions, (ii) clarification of various provisions, (iii) a prohibition of water softener discharges to septic systems and other amendments to provisions affecting water softener discharges, (iv) amendments to inspection requirements, (v) amendments to inspection port requirements, (vi) amendments to drainfield size requirements, (vii) amendments affecting mound and elevated systems, (viii) amendments related to graywater systems, and (ix) amendments to certification program requirements. A public hearing will be held on 3 January 2007. Comments are due on that day. The proposed rulemaking is available at <http://www.nmcpr.state.nm.us/nmregister/xvii/xvii20/EIbnotice.pdf>. For additional information, please contact Joyce Medina (505) 827-9872.

**(NEW) NM Albuquerque-Bernalillo County Air Quality Control Board Proposed Regulations: Fees Amendments and State Implementation Plan Amendments (20.11.2 NMAC).** The Albuquerque-Bernalillo County Air Quality Control Board (Air Board) is proposing amendments to its air regulations regarding fees. The revision package also includes amendments to the State Implementation Plan (SIP). The amendment package includes revisions to Section 20.11.2.18 NMAC, Fee Schedule, that would reduce the (filing) fee amount required by Subsection K of 20.11.2.18 NMAC, Board Hearing Fees, which currently requires that: "Any person who requests a hearing before the board to challenge the issuance of a permit, the terms of a permit or permit modification, the department's refusal to issue a permit, or the department's determination of a source classification or fee calculation for a fugitive dust control permit shall be charged a fee of \$1,000.00, unless the \$1000.00 fee for the hearing process is determined by the board at a hearing to impose an undue economic burden on the petitioner." The proposed amendments would reduce this (filing) fee from \$1000.00 to \$125.00. The proposed amendments to Subsection K of 20.11.2.18 NMAC would also repeal the language that currently allows for a waiver of this (filing) fee if the Board determined that imposing this fee would be "an undue economic burden". Further clarification will be achieved through a proposal to change the term "fee", to the more accurate term "filing fee", within Subsection K of 20.11.2.18 NMAC. A public hearing will be held on 8 November 2006. Comments are due 1 November 2006. For additional information, please contact Neil Butt at (505) 768-2600.

**(UPDATE) NM Environmental Proposed Regulation: The New Mexico Plan to Comply with EPA's Clean Air Mercury Rule (20.2.85 NMAC (new), 20.2.84 NMAC (revised)).** NMED is proposing new regulations regarding Mercury Emission Standards and Compliance Schedules for Electric Generating Units and amendments on the Acid Rain Permit requirements. The rulemaking addresses how New Mexico should comply with the EPA's Clean Air Mercury Rule (CAMR). CAMR aims to reduce mercury emissions from coal-fired power plants. The rule consists of a permanent cap on mercury emissions as well as subsequent emissions reductions. The Department is drafting revisions that do not include a trading program. The Federal Rule requires NM to submit a compliance plan by 17 November 2006. The Department proposes to adopt 20.2.85 NMAC to create a methodology for allocation of mercury emission allowances and specify compliance schedules for electric generating units. Comments on the revised rules were due 30 October 2006. The proposed rulemaking is available at [http://www.nmenv.state.nm.us/aqb/prop\\_regs.html](http://www.nmenv.state.nm.us/aqb/prop_regs.html). For additional information, please contact Rita Trujillo at (505) 955-8024.

## **OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION**

**(NEW) NM Environment Department Departmental Discussion: Underground Storage Tank Amendments.** NMED is discussing amendments to its underground storage tank regulations to address the federal Underground Storage Tank Compliance Act. Revision areas include secondary containment, delivery prohibition, and financial assurance requirements. Staff reports that there are no current plans for rulemaking. The Department is currently negotiating with EPA regarding compliance. For more information, please call Calvin Martin at (505) 984-1938

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**NOTICE:** With regard to any and all legislation and or regulations, installation staff is requested to contact their respective component REC with information on mission or installation impacts, questions or comments, and an expression of interest to participate in stakeholder work group.

The Oklahoma legislature will begin the 2007 session on 5 February and adjourn on 25 March.

## **REGULATORY ACTIVITY AND GENERAL INFORMATION**

**(NEW) OK Corporation Commission Internal Discussion: Amendments to Underground Storage Tank Regulations to Address USTCA.** The Commission is discussing amendments to its underground storage tank regulations to address the federal Underground Storage Tank Compliance Act. Revision areas include secondary containment, delivery prohibition, and financial assurance requirements. Staff reports that there are no current plans for rulemaking. The Commission is currently negotiating with EPA regarding compliance. *For more information, please call Gary Walker at (405) 521-4861.*

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**NOTICE:** With regard to any or regulations, installation staff is requested to contact their respective component REC with information on mission or installation impacts, questions or comments, and an expression of interest to participate in stakeholder work group.

The Texas legislature will be in session on 9 January and adjourn on 28 May 2007.

## **STATE OF TEXAS HOUSE AND SENATE COMMITTEES**

**Texas Natural Resources Committee - Alternative Fuels, Drinking Water, Groundwater, Water, Water Use.** The Senate Committee met 11 October 2006 to discuss its interim charge to study and make recommendations on the development of bio-diesel, bio-fuels, ethanol, and other renewable energy products. Agriculturally developed renewable fuel initiatives from other states will be central to the discussion. The Committee Clerk indicates that a witness list will be released the day before the hearing.

The House and Senate Natural Resources Committees held a joint interim meeting in San Antonio on 22 September 2006 to discuss state and regional water issues. Much of the time was devoted to the Edwards Aquifer Act, which regulates water use and ground water withdrawals. The House committee is chaired by Representative Robert Puente (D). The Senate committee is chaired by Senator Kip Averitt (R).

## **STATE OF TEXAS FINAL RULE**

**(Effective 26 October 2006) TX Commission on Environmental Quality Final Regulations: SB 784: Emissions Reduction - ERC/DERC (Rule Number 2005-054-101-PR).** TCEQ has adopted amendments to its emissions banking regulations. This rule project will revise the Emissions Banking and Trading of Allowances and Discrete Emission Reduction Credit rules to satisfy the conditions for approval agreed upon with EPA. The adopted rulemaking would also revise the rules to implement the revision to TCAA §382.0172(c) enacted under Senate Bill 784, which changes and "and" statement to an "or" statement. The rulemaking package was approved by the Commission on 4 October 2006 with an effective date of 26 October 2006. The final proposal is available at [http://www.tceq.state.tx.us/assets/public/legal/rules/rule\\_lib/adoptions/05054101\\_ado\\_clean.pdf](http://www.tceq.state.tx.us/assets/public/legal/rules/rule_lib/adoptions/05054101_ado_clean.pdf). *For additional information, please contact Beecher Cameron at (512) 239-1495.*

## STATE OF TEXAS PROPOSED RULES

### **(NEW) TX Water Development Board Proposed Regulations: Designation of Groundwater**

**Management Areas and Investment Procedures (31 TAC 356.23, 31 TAC 365.13).** The Board is proposing amendments to 31 TAC §356.23 of Chapter 356, concerning Groundwater Management, Subchapter B, Designation of Groundwater Management Areas. This section designates and delineates groundwater management areas (GMAs) as required by statute. The board proposes amendments to §356.23 to correct an error in the boundary lines for the previously designated and delineated groundwater management areas. Additionally, a software update has resulted in seven digital files instead of three that made up the original data set. The seven updated digital files collectively constituting a data set delineating the corrected groundwater management area boundary lines are adopted by reference. A CD-ROM containing the corrected data is located in the offices of the board and is on file with the Secretary of State, Texas Register. The corrected CD-ROM contains all of the geographic information system data used to create the boundaries as well as software and instructions on how to locate a specific area by coordinates or other means on a digital map. Comments are due on 6 November 2006. The proposed amendments are available at <http://www.sos.state.tx.us/texreg/sos/PROPOSED/31.NATURAL%20RESOURCES%20AND%20CONSERVATION.html#73>. For more information, please call Wendall Corrigan Braniiff at (512) 475-2052

### **(UPDATE) TX Commission on Environmental Quality Proposed Regulations: Best Available Retrofit Technology (BART) Permitting (2006-022-116-EN).**

The Commission is proposing amendments to its air regulations regarding regional haze. Federal regulations under 40 CFR Part 51, Subpart P require states to implement best available retrofit technology (BART) and develop a regional haze State Implementation Plan (SIP). The proposed rules are intended to satisfy the federal requirement to implement BART and to facilitate the preparation of the Texas Regional Haze SIP, which is due to USEPA 17 December 2007. The proposed rules add new Subchapter M to Chapter 116 to ensure that owners or operators of sources that are subject to BART requirements perform an engineering evaluation to determine the appropriate level of BART emission controls and subsequently implement any required BART controls. The sources that would be affected by the proposed rules are those that belong to one of 26 industry source categories, have the potential to emit 250 tons per year or more of a visibility-impairing pollutant (nitrogen oxides, sulfur dioxides, or particulate matter), and were built or reconstructed between 7 August 1962 and 7 August 1977. The rules also provide a mechanism for sources to exclude themselves from BART requirements, if they demonstrate, through modeling, that they do not significantly impact visibility in Class I areas. The Commission is also working with the Central Regional Air Planning Association (CENRAP) on regional haze modeling and development. The comment deadline has been extended to 9 October 2006. Public meetings will be held on 26 October and 9 November 2006. The proposed rulemaking is available at [http://www.tceq.state.tx.us/assets/public/legal/rules/rule\\_lib/proposals/06022116\\_pro.pdf](http://www.tceq.state.tx.us/assets/public/legal/rules/rule_lib/proposals/06022116_pro.pdf). Additional information is available at [http://www.tceq.state.tx.us/assets/public/implementation/air/sip/bart/BART\\_FinalReport.pdf](http://www.tceq.state.tx.us/assets/public/implementation/air/sip/bart/BART_FinalReport.pdf) and [http://www.tceq.state.tx.us/assets/public/implementation/air/sip/bart/BART\\_TX\\_Screen\\_Protocol.pdf](http://www.tceq.state.tx.us/assets/public/implementation/air/sip/bart/BART_TX_Screen_Protocol.pdf). For more information, please call Margaret Earnest at (512) 239-4581.

## OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION

### **(NEW) TX Commission on Environmental Quality Departmental Discussion: Amendments to Underground Storage Regulations to Address USTCA.**

TCEQ is discussing amendments to its underground storage tank regulations to address the federal Underground Storage Tank Compliance Act. Revision areas include secondary containment, delivery prohibition, and financial assurance requirements. Staff reports that there are no current plans for rulemaking. The Commission is currently negotiating with EPA regarding compliance. For more information, please call Anton Rozsypal at (512) 239-2187.

### **(NEW) TX Commission on Environmental Quality Proposed Guidance: Tank Roof Landing**

**Emissions Monitoring.** The Commission is proposing draft Guidance, that is applicable to all floating roof tanks in the state and provides guidance on how to quantify, report, and authorize the air emissions associated with landing a floating roof. The Texas Commission on Environmental Quality (TCEQ) has identified that storage tank floating roof landing air emissions have probably been under reported and a number of companies in the Houston region have been contacted directly by the Chief Engineer in that regard. Air emissions from most tanks storing moderate or high vapor pressure liquids are controlled with the use of floating roofs equipped with seals to prevent the direct contact of the stored liquid with ambient air. The draft Guidance document is available upon request. Comments on the Draft Guidance were due 24 October 2006. For more information, please call Danielle Nesvacil at (512) 239-2102.

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## REGION 7 STATE ACTIVITY

### Regulatory & Legislative Web Sites

Iowa Department of Natural Resources (IDNR)	<a href="http://www.iowadnr.com/">http://www.iowadnr.com/</a>
Iowa General Assembly	<a href="http://www.legis.state.ia.us/">http://www.legis.state.ia.us/</a>
Kansas Department of Health and Environment (KDHE)	<a href="http://www.kdhe.state.ks.us">http://www.kdhe.state.ks.us</a>
Kansas Legislature	<a href="http://www.kslegislature.org/cgi-bin/index.cgi">http://www.kslegislature.org/cgi-bin/index.cgi</a>
Missouri Department of Natural Resources (MDNR)	<a href="http://www.dnr.mo.gov/index.html">http://www.dnr.mo.gov/index.html</a>
Missouri General Assembly	<a href="http://www.moga.state.mo.us/">http://www.moga.state.mo.us/</a>
Nebraska Department of Environmental Quality (NDEQ)	<a href="http://www.deq.state.ne.us">http://www.deq.state.ne.us</a>
Nebraska Legislature	<a href="http://www.unicam.state.ne.us/">http://www.unicam.state.ne.us/</a>

### IOWA

### Legislative/Regulatory Activity

**NOTICE:** With regard to any and all legislation and or regulations, installation staff is requested to contact their respective component REC with information on mission or installation impacts, questions or comments, and an expression of interest to participate in stakeholder work group.

The 2007 Iowa legislative session will begin on 8 January and adjourn on 28 April.

### STATE OF IOWA PROPOSED RULES

**(NEW) IA Department of Natural Resources Draft Rule: Granting Section 401 Water Quality Certification for U.S. Army Corps of Engineers Nationwide Permits (Chapter 61).** IDNR is proposing a rule to provide Section 401 certification for modified and new federal Nationwide Permits (NWP) that have been proposed by the U.S. Army Corps of Engineers. Section 401 water quality certification, under the federal Clean Water Act, is a state water quality agency's certification that a proposed activity will not violate state water quality standards. The draft rule is scheduled to go before the Environmental Protection Commission (EPC) 14 November 2006 for pre-notice review. A copy of the draft rule can be found at <http://www.iowadnr.com/epc/06nov/15.pdf>. For more information, please call Chuck Corell (515) 281-8448.

**(NEW) IA Department of Public Safety Proposed Rule: Stationary Storage of Petroleum Products Using Tank Vehicles; Extension of Deadline for Using Ethanol Blend Fuel Dispensing Equipment Not Approved by an Independent Testing Laboratory (Rule 661; Subrule 51.202(1)).** The Department of Public Safety is proposing a two-part rule to (1) clarify that tank vehicles and tank cars may not be used in lieu of storage tanks for storage of flammable liquids; and (2) extend the deadline for exceptions to the rule that ethanol blend fuel dispensing equipment must be approved for a specific use by an independent testing laboratory from 1 July 2007 to 1 July 2009. A public hearing is scheduled for 16 November 2006 with comments due on that day. A copy of the proposed rule can be found here, at page ARC 5501B: <http://www.legis.state.ia.us/Rules/Current/Bulletin/IAB061025.htm>. For additional information, please call Michael Coveyou (515) 281-5524.

**(UPDATE) IA Department of Natural Resources Draft Rule: Adoption of Several Federal Air Regulations Finalized Over The Course Of 2006.** The Department is proposing to adopt into the state air quality rules several federal regulations that were finalized over the course of 2006. Additionally, the Department is proposing to include the adoption of minor federal amendments to the Clean Air Mercury Rule (CAMR), and to clarify and correct state air quality rules for emissions inventories, variances, and Title V program requirements. The draft rule is scheduled to go before the EPC 14 November 2006 for approval to publish as a proposed rule. The most recently available copy of the draft rule can be found at <http://www.iowadnr.com/epc/06nov/14.pdf>. For more information, please call Christine Paulson (515) 242-5154.

## OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION

**(NEW) IA Department of Natural Resources Departmental Discussion: Rulemaking in Response to the Federal Underground Storage Tank Compliance Act (USTCA).** IDNR is discussing amendments to its underground storage tank regulations to address the federal Underground Storage Tank Compliance Act. Revision areas include secondary containment, delivery prohibition, and financial assurance requirements. Staff reports that there are no current plans for rulemaking. The Commission is currently negotiating with EPA regarding compliance. *For more information, please call Tom Collins at (515) 281-8489.*

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### KANSAS

### Legislative/Regulatory Activity

**NOTICE:** With regard to any and all legislation and or regulations, installation staff is requested to contact their respective component REC with information on mission or installation impacts, questions or comments, and an expression of interest to participate in stakeholder work group.

The Kansas legislature will be in session beginning 8 January and adjourn in April-May 2007.

## REGULATORY ACTIVITY AND GENERAL INFORMATION

**(NEW) KS Department of Health and Environment Departmental Discussion: Rulemaking in Response to Federal Underground Storage Tank Compliance Act.** KDHE is discussing amendments to its underground storage tank regulations to address the federal Underground Storage Tank Compliance Act. Revision areas include secondary containment, delivery prohibition, and financial assurance requirements. Staff reports that there are no current plans for rulemaking. The Commission is currently negotiating with EPA regarding compliance. *For more information, please call Randy Carlson at (785) 296-1684.*

**(NEW) KS Department of Health and Environment Departmental Discussion: 2006 List of Impaired Waters.** The Department is developing a 2006 list of waters failing to meet state water quality standards, as required by Section 303(d) of the federal Clean Water Act. Water identified on the list will be required to have total maximum daily loads (TMDLs) prepared by the state to restore water quality. As part of this process, the Department is soliciting data and information on the water quality condition of waters in Kansas covering the period 2000-2006. Public hearings were scheduled 24, 25, and 26 October 2006. The deadline for submitting data and information to the Department is 17 November 2006. *For more information, please call Tom Stiles at (785) 296-6170.*

**Kansas Water Authority Public Hearings- Drinking Water, Groundwater, Stormwater, Water, Water Quality.** The Water Authority conducted two public hearings on Tuesday, 17 October 2006 concerning its policy recommendations to create a multi-agency group to work locally with private and public entities in their efforts to encourage development at and adjacent to federal reservoirs. Special initiatives include: providing information and assistance to prospective developers and promulgating rules and regulations requiring any person wishing to develop land within a designated area adjacent to a reservoir to demonstrate how wastewater and sewage, stormwater runoff, and solid waste produced during and after development will be managed to minimize reservoir water quality impacts. State responsibilities include protection of wildlife and drinking water at the reservoirs. More information is available at <http://www.kwo.org/> or [http://www.kwo.org/Calendar/Release\\_EcoDevo\\_Hearings\\_092706\\_he.pdf](http://www.kwo.org/Calendar/Release_EcoDevo_Hearings_092706_he.pdf).

**Nationwide Permit (NWP) Re-issuance Request for Comments: State of Kansas.** U.S. Army Corps of Engineers, Kansas City District is seeking comments on the proposed regional conditions for the State of Kansas. The Kansas City District is also seeking comments on the need for additional regional conditions to help ensure that impacts authorized by the proposed NWPs are minimal. Unless otherwise noted, all proposed regional conditions listed are applicable for activities in the State of Kansas. Comments on regional issues relating to the proposed NWPs and regional conditions are to be sent to Mr. Joshua Marx, U.S. Army Corps of Engineers, Kansas City District Office, 700 Federal Building, 601 East 12th Street, Kansas City, Missouri 64106. Comments relating to regional conditions are due by November 27, 2006. Similar public notices proposing regional conditions in other regions or States are being published concurrently by other division or district offices. In response to the comments received on regional conditions, an additional public notice announcing proposed new and revised regional conditions may be published depending on the extent of proposed changes. Draft decision documents, which include environmental documentation

required by the National Environmental Policy Act, have been prepared by Corps Headquarters. The decision documents will address compliance of the NWP with the requirements for issuance under general permit authority. These documents, as well as the proposed NWPs, are available for viewing at [www.regulations.gov](http://www.regulations.gov) (docket ID number COE-2006-0005).

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## MISSOURI

## Legislative/Regulatory Activity

**NOTICE:** With regard to any and all legislation and or regulations, installation staff is requested to contact their respective component REC with information on mission or installation impacts, questions or comments, and an expression of interest to participate in stakeholder work group.

The Missouri legislature will begin the 2007 session on 3 January and adjourn on 30 May.

### STATE OF MISSOURI FINAL RULE

**(Effective 30 November 2006) MO Department of Natural Resources Final Regulation: Control of Emissions from Solvent Metal Cleaning (10 CSR 10-0.5300).** The Department has adopted amendments regarding control of emissions from solvent metal cleaning activities. The amendments address industry concerns about provisions in the solvent metal cleaning rule applicable to the St. Louis metropolitan area. The rule also specifies equipment, operating procedures and training requirements for the reduction of volatile organic compound emissions from solvent metal cleaning operations in the St. Louis metropolitan area. The final amendment also addresses industry concerns about provisions in the current rule related to enforcement and compliance. The effective date is 30 November 2006. The final amendments are available at <http://www.sos.mo.gov/adrules/moreg/current/2006/v31n19/v31n19d.pdf> (Page 1583). *For additional information, please contact Bruce Volner at (573) 751-4817.*

### STATE OF MISSOURI PROPOSED RULE

**(UPDATE) MO Department of Natural Resources Draft Regulation: Risk-Based Remediation of Groundwater (2431) (10 CSR 20-7.040).** The Department is discussing a rule to codify the criteria and standards to be used in risk-based groundwater cleanup projects, as authorized in section 644.143 RSMo. This rule further defines the procedures that are presently allowed under the Missouri Water Quality Standards 10 CSR 20-7.031(5)(D). Unless site-specific alternative groundwater cleanup standards are established through these procedures, the values in Table A or other parts of the Missouri Water Quality Standards remain the cleanup standards for groundwater. Alternative standards may be established to reflect site-specific, risk-based exposure conditions, institutional controls, continuing monitoring, and other aspects of remedial action plans described below. The procedures in this rule will be phased into current operations under existing authority. A public meeting was held on 23 October 2006 to gain stakeholder input. The draft rulemaking is available at <http://www.dnr.mo.gov/env/hwp/mrbca/docs/draftrule062606.pdf>. *For more information, please call John Madras at (573) 751-1233.*

### REGULATORY ACTIVITY AND GENERAL INFORMATION

**(NEW) MO Department of Natural Resources Departmental Discussion: Underground Storage Tank Amendments.** The Department is discussing amendments to its underground storage tank regulations to address federally mandated revisions pursuant to the Underground Storage Tank Compliance Act and the Federal Energy Policy Act of 2005. Public meetings were held on 23, 30, 31 October 2006 to gain stakeholder input. Additional meetings will be held on 1, 2 and 3 November 2006. Meeting locations and other additional information are available at <http://www.dnr.mo.gov/env/hwp/tanks-newsletter09-06.pdf>. *For more information, please call Tim Eiken at (573) 751-3176.*

**(Effective 10 October 2006) EPA Approval and Promulgation of Implementation Plans; Correction.** On 11 July 2006, EPA published a final rule approving revisions to the Missouri State Implementation Plan (SIP). In the 11 July 2006, rule EPA inadvertently included an incorrect state effective date for this rule and omitted part of the

information in the explanation column of the Constructions Permits Required rule. EPA is making a correction to the state effective date and to the explanation in this document. The effective date is 10 October 2006.

**Nationwide Permit (NWP) Re-issuance Request for Comments: State of Missouri.** The U.S. Army Corps of Engineers, Kansas City District is seeking comments on the proposed regional conditions for the State of Missouri. The Kansas City District is also seeking comments on the need for additional regional conditions to help ensure that impacts authorized by the proposed NWPs are minimal. Unless otherwise noted, all proposed regional conditions listed on this enclosure are applicable for activities in the State of Missouri. Comments on regional issues relating to the proposed NWPs are to be sent to Mr. Joshua Marx, U.S. Army Corps of Engineers, Kansas City District Office, 700 Federal Building, 601 East 12th Street, Kansas City, Missouri 64106. Comments relating to regional conditions are due by 27 November 2006. Similar public notices proposing regional conditions in other regions or States are being published concurrently by other division or district offices. In response to the comments received on regional conditions, an additional public notice announcing proposed new and revised regional conditions may be published depending on the extent of proposed changes. Draft decision documents, which include environmental documentation required by the National Environmental Policy Act, have been prepared by Corps Headquarters. The decision documents will address compliance of the NWPs with the requirements for issuance under general permit authority. These documents, as well as the proposed NWPs, are available for viewing at [www.regulations.gov](http://www.regulations.gov) (docket ID number COE-2006-0005).

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## NEBRASKA

## Legislative/Regulatory Activity

**NOTICE:** With regard to any regulations, installation staff is requested to contact their respective component REC with information on mission or installation impacts, questions or comments, and an expression of interest to participate in stakeholder work group.

The 2007 Nebraska legislative session will begin on 3 January and adjourn 90 legislative days thereafter (April - May 2007).

No significant regulatory activity reported during this period.

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## FEDERAL ACTIONS

### EPA FINAL RULES

**(Effective 18 December 2006) National Ambient Air Quality Standards for Particulate Matter.** Based on its review of the air quality criteria and national ambient air quality standards (NAAQS) for particulate matter (PM), EPA is making revisions to the primary and secondary NAAQS for PM to provide increased protection of public health and welfare, respectively. With regard to primary standards for fine particles (generally referring to particles less than or equal to 2.5 micrometers (um) in diameter, PM<sub>2.5</sub>), EPA is revising the level of the 24-hour PM<sub>2.5</sub> standard to 35 micrograms per cubic meter (ugm/m<sup>3</sup>) and retaining the level of the annual PM<sub>2.5</sub> standard at 15 ugm/m<sup>3</sup>. With regard to primary standards for particles generally less than or equal to 10um in diameter (PM<sub>10</sub>), EPA is retaining the 24-hour PM<sub>10</sub> and revoking the annual PM<sub>10</sub> standard. With regard to secondary PM standards, the Agency is making them identical in all respects to the primary PM standards, as revised. This final rule is effective on 18 December 2006. For information, please go to <http://a257.g.akamaitech.net/7/257/2422/01jan20061800/edocket.access.gpo.gov/2006/06-8477.htm>.

**(Effective 4 October 2006) Final Rule for National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing.** This action promulgates amendments to the national emission standards for hazardous air pollutants for miscellaneous coating manufacturing. The amendments clarify that coating manufacturing means the production of coatings using operations such as mixing and blending, not reaction or separation processes used in chemical manufacturing. The amendments extend the compliance date for certain coating manufacturing equipment that is also part of a chemical manufacturing process unit. The amendments also clarify that operations by end users that modify a purchased coating prior to application at the purchasing facility

are exempt. These changes clarify applicability of the rule and minimize the compliance burden. For information, please go to <http://a257.g.akamaitech.net/7/257/2422/01jan20061800/edocket.access.gpo.gov/2006/E6-16407.htm>.

**(Effective 4 October 2006) Final Rule To Implement the 8-Hour Ozone National Ambient Air Quality Standard--Phase 2; Final Rule To Implement Certain Aspects of the 1990 Amendments Relating to New Source Review and Prevention of Significant Deterioration as They Apply in Carbon Monoxide, Particulate Matter and Ozone NAAQS; Final Rule for Reformulated Gasoline;**

**Correction.** EPA issued a final rule on 29 November 2005, which took action on elements of the program to implement the 8-hour ozone national ambient air quality standard (NAAQS or standard)--Phase 2. The preamble contains a discussion of the Clean Air Act's (CAA's) reasonable further progress (RFP) requirements, and this document clarifies the correct citation in the CAA that should have been referenced. Finally, this document is modifying several incorrect citations in Appendix A of the preamble, which addresses calculation of RFP targets. This action is needed so States will have the correct version of the Phase 2 rule. The intended effect is to correct the errors in the Phase 2 rule. For more information, please go to <http://a257.g.akamaitech.net/7/257/2422/01jan20061800/edocket.access.gpo.gov/2006/E6-16377.htm>.

**(Effective 3 November 2006) Administrative Reporting Exemption for Certain Air Releases of NO<sub>x</sub> (NO and NO<sub>2</sub>).**

EPA is issuing a final rule that will reduce reporting burdens under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, and the Emergency Planning and Community Right-to-Know Act, also known as Title III of the Superfund Amendments and Reauthorization Act. In this rule, EPA broadens the existing reporting exemptions for releases that are the result of combustion of less than 1,000 pounds of nitrogen oxide and less than 1,000 pounds of nitrogen dioxide to the air in 24 hours. These may also include emissions from detonation or processes that include both combustion and non-combustion operations, such as nitric acid production. This administrative reporting exemption is protective of human health and the environment and consistent with the Agency's goal to reduce unnecessary reports given that the levels for which the Clean Air Act regulates nitrogen oxides are considerably higher than 10 pounds. For more information, please go to <http://a257.g.akamaitech.net/7/257/2422/01jan20061800/edocket.access.gpo.gov/2006/E6-16379.htm>.

## **OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION**

**The White House Closing the Circle Awards 2007.** In January 2007, the Office of the Federal Environmental Executive will accept applications for the 2007 White House Closing the Circle (CTC) Awards. This program recognizes outstanding achievements of Federal employees and their facilities for efforts, which resulted in significant contributions to, or have made a significant impact on, promoting environmental stewardship. The awards focus on waste prevention, recycling, and green purchasing activities under E.O. 13101, environmental management under E.O. 13148, green/sustainable buildings under both executive orders, and reduced fuel usage under E.O. 13149, and electronics stewardship. Please note that the submission timeframe has changed this year. Nominations can only be submitted during January 2007. For details, please go to <http://www.ofee.gov/ctc/ctc.htm>.

**Secretary of the Army Environmental Awards Call for Nominations for FY 2006.** The Secretary of the Army Environmental Awards Program recognizes outstanding environmental stewardship by Army installations, teams and individuals. The environmental program emphasizes innovation and accomplishments in sustainable operations, installation management and community enhancement. Each Army component is invited to participate at the highest level. Enclosed is the awards program guidance for use in developing a nomination packet. The Army did very well last year to capture four of the Secretary of Defense environmental awards, and I look forward to having the Army family do just as well this year. Nominations are due by close of business on 4 Dec 2006. The winners will be announced in Jan 07 and represent the Army in the SECDEF environmental awards competition. For details regarding nomination procedures, please go to <http://aec.army.mil/usaec/publicaffairs/awards00.html>.

**Environmental Alert – EPA Mercury-Containing Fluorescent Lamp Drum-Top Crusher (DTC) Study**

**Results.** The US Army Environmental Command (USAEC) is sending this Environmental Alert to Army environmental offices at IMA, ARNG, Army Commands, Army Service Component Commands, Direct Reporting Units, installations, and other interested parties. The purpose of this alert is to inform all installations and Army facilities about the results of a recent study on the use of drum-top crusher (DTC) devices to manage waste mercury-containing fluorescent lamps. DTCs fit on top of a 55-gallon drum and crush fluorescent lamps into the drum below thus reducing the volume of waste lamps while controlling the release of mercury vapors from crushed lamps. The waste volume reduction can improve storage and handling, prevent breakage during shipping and handling, and reduce shipping costs of waste lamps. This alert is for information only. It does not change any official Army policy.



For additional information, please go to <http://www.epa.gov/epaoswer/hazwaste/id/univwast/drumtop/drum-top.htm> or call (410) 436-7068.

**EPA OSWER Addendum to Performance Based Contracting by Other Federal Agencies at Federal Facilities: Guidance 9272.0-21a.**

This Addendum provides additional guidance in situations where other Federal organization's officials do not participate in meetings involving their contractors and EPA representatives. EPA representatives may include Remedial Project Managers (RPMs), On Scene Coordinators (OSCs), Community Involvement Coordinators, EPA technical experts (e.g., hydrologists, risk assessors, etc.) and EPA regional managers. The purpose of the addendum is to help maintain progress toward protection of human health and the environment at Federal facilities while assuring integrity in contracts management, the following process may be used as an alternative to that described in the original guidance. This process is appropriate in situations where EPA is asked to meet with contractors in the absence of authorized representatives of the other Federal agency.

- The EPA Region should execute a Memorandum of Understanding (MOU) between the Region and the Federal organization responsible for environmental cleanup and/or property transfer, defining communication protocols among the parties regarding the contractors working for the other Federal organization.
- The MOU should be approved by the "site manager" or equivalent level for the other Federal organization. For EPA, we recommend Regional Superfund Division Director be the approving official.
- The MOU should indicate that meetings between the contractor and EPA, without appropriate officials from the other Federal organization, are necessary in order to effectively and efficiently resolve issues requiring EPA input. This may be necessary for a number of reasons, including but not limited to, the other Federal organization encouraging direct communication between EPA and their contractor.
- The MOU should recognize that EPA does not have privity of contract with the other Federal organization's contractors and is not directing the work of the contractor.
- The MOU should emphasize the responsibility of the contractor to explicitly notify in writing the other Federal agency's COR or Contracting Officer (CO) if EPA asks for new or additional work or effort outside the existing task order or contract scope, and that such work will not be conducted without the approval of the other Federal agency CO and COR. No work described in the notification should commence until approval is obtained from the approving official from the other Federal organization.
- The MOU should stipulate that the other Federal organization should agree to direct its contractor(s) to provide documentation of any meeting between EPA and the contractor to EPA for review and approval prior to submission to the other organization's COR and CO.
- Any such meeting between EPA and the contractor, in the absence of a designated CO or COR, would be for the sole purpose of facilitating the resolution of issues related to site cleanup and/or Federal property transfer requirements.
- A copy of the documentation should be provided to the proper State regulatory authority, as appropriate.

Please call (703) 603-0046 for information and/or assistance.

**EPA to Post Underground Storage Tank Compliance Reports on Website.** The Energy Policy Act of 2005 mandates new inspection guidelines that may affect DoD underground storage tanks (USTs). The Act stipulates that by 8 August 2007, EPA or states that receive funding under Subtitle 1 of the Solid Waste Disposal Act must inspect USTs that have not been inspected since 22 December 1998. Once that is accomplished, the tanks must be inspected once every 3 years. EPA will post the results of the inspection at <http://www.epa.gov/oust/fedlaws/fedfacrpt.htm>.

**EPA 2006 - 2011 Strategic Plan Now Available.** EPA recently forwarded to Congress and released to the public its Strategic Plan for 2006-2011. The new Strategic Plan is available on the internet at <http://www.epa.gov/ocfo/plan/plan.htm>. The document discusses important new challenges and opportunities that are likely to arise in the coming years and more clearly identifies the environmental and human health outcomes the public can expect. Goal 2 of the new Strategic Plan addresses goals and strategies for clean and safe water. Some aspects of the National Water Program, such as wetlands protection, and Great Waterbody Programs, are addressed in Goal 4 of the Plan titled "Health Communities and Ecosystems." The Office of Water and EPA Regional offices will be working closely with States, Tribes, and others to implement the new Plan in the coming years.

### **New EPA Draft Guidance on the Use of Underground Injection Control Wells for Geologic**

**Sequestration of Carbon Dioxide.** Geologic sequestration of carbon dioxide (CO<sub>2</sub>) is a promising technology that could help reduce global CO<sub>2</sub> emissions. EPA is working closely with DOE to address technical and policy questions to enable safe and effective deployment of this technology and is releasing a draft guidance to help facilitate state agencies to permit DOE's Regional Partnership pilot projects. These projects will be injecting small volumes of CO<sub>2</sub> primarily for research purposes, as UIC Class V experimental technology wells. In order to provide permitting flexibility, the guidance discusses technical considerations that should be taken into account when issuing a project permit and strongly encourages permits to be designed in a way that maximizes relevant data gathering while still protecting underground sources of drinking water and human health. EPA is also carrying out a wide range of activities to help the Agency evaluate whether there is a need to develop new regulations for future commercial-scale CO<sub>2</sub> injection project. The document is available on the EPA web site at [http://www.epa.gov/safewater/uic/wells\\_sequestration.html](http://www.epa.gov/safewater/uic/wells_sequestration.html).

### **EPA Updates Web Site and Releases New Guidance to Promote Protection of Sources of Drinking**

**Water.** Over the last several years, states and water utilities completed assessments to determine the susceptibility of drinking water to potential sources of contamination. EPA has updated its web site to provide more information about how local communities can protect their drinking water - including a series of case studies about efforts at the state and local level. EPA is also releasing a guide to help source water protection partners (e.g., public and private individuals and organizations) to voluntarily update assessments, which may not reflect changes in land use or other activities that may have occurred since the assessments were first completed back in 2003. The "How to Manual: Update and Enhance Your Local Source Water Protection Assessments" will provide the reasons for updating local source water assessments and explain how partners can serve as major players in accomplishing the task. The guidance is available on the newly updated Source Water Protection pages at <http://cfpub.epa.gov/safewater/sourcewater/>.

## **US FISH AND WILDLIFE SERVICE**

### **Endangered and Threatened Wildlife and Plants; Initiation of a 5-Year Review of Curtis'**

**Pearlmyss and Indiana Bat.** The US Fish and Wildlife Service announces a 5-year review of Curtis' pearlmyss (*Epioblasma florentina curtisii*) and Indiana bat (*Myotis sodalis*) under the Endangered Species Act, as amended (Act). USFWS requests any new information on these species that may have a bearing on their classification as endangered. Based on the results of this review, we will make a finding on whether these species are properly classified under the Act.

**AEC Comment:** The Indiana bat is recorded onsite **Iowa Army Ammunition Plant (AMC)**, Newport Chemical Depot (AMC), Camp Atterbury (ARNG), Macon Training Site (ARNG), Indiana Army Ammunition Plant (BRAC), Picatinny Arsenal (NERO), **Fort Leonard Wood (NWRO)**, Fort Campbell (SERO), Fort Knox (SERO) and Twinsburg USARC (USAR). The bat is also recorded as contiguous to Fort Drum (NERO) and Redstone Arsenal (SERO). Information submitted could provide a better understanding of the species to support its potential downlisting or delisting. A 5-year review considers all new information available at the time of the review. A 5-year review will consider the best scientific and commercial data that have become available since the current listing determination or most recent status review of each species, such as:

- Species biology, including but not limited to population trends, distribution, abundance, demographics, and genetics;
- Habitat conditions, including but not limited to amount, distribution, and suitability;
- Conservation measures that have been implemented to benefit the species;
- Threat status and trends (see five factors under heading "How do we determine whether a species is endangered or threatened?"); and
- Other new information, data, or corrections, including but not limited to taxonomic or nomenclatural changes, identification of erroneous information contained in the List, and improved analytical methods.

For more information, please call the Media Manager at (410) 436-6458.

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## REGIONAL MEETINGS

There are no Regional Meetings scheduled at this time.

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## TRAINING COURSES AND WORKSHOPS

**USACE PROSPECT Training.** The FY07 Proponent-Sponsored Engineer Corps Training (PROSPECT) Program is now available on line at <http://pdsc.usace.army.mil>. The Purple Book, which includes the proposed scheduled training classes and sessions for FY06, is found at this location. FY06 PROSPECT is offering of the following course among others:

- **The CERCLA/RCRA Process.** This 24-hour course trains USACE personnel involved with hazardous and toxic waste projects on military and civil works projects in the proper application of CERCLA, RCRA and other relevant environmental laws, regulations, and policies. This course is ISEERB approved. <http://pdsc.usace.army.mil/CourseListDetail.aspx?CtrlNbr=356>.

**Partners in Environmental Technology Technical Symposium & Workshop.** Sponsored by SERDP and ESTCP, this event will provide attendees with: (1) concurrent technical sessions covering the latest in environmental research results and technical innovations; (2) poster sessions featuring more than 350 technical posters; (3) exhibit booths offering information about funding opportunities in related research programs; and (4) two sessions providing a summary of SERDP and ESTCP program development and opportunities to conduct research and demonstrations. The workshop will be held in **Washington, D.C.** on **28-30 November 2006**. For more information, please go to <http://www.serdp.org/Symposium/index.cfm#symposium06>.

**Introductory Risk Communication Workshop.** This Introductory Risk Communication Workshop helps anticipate, analyze, and address issues that could affect an organization's mission. The workshop applies the use of lectures with interactive discussions, individual work, group work, use of numerous videos to demonstrate points, use of a personal instrument and other exercises including what to take back to work from the workshop. The training includes how to develop a risk communication strategy and plan for any issue for both internal and external stakeholders. The workshop will be held in **San Antonio, Texas** on **16-18 January 2007** and in **St. Louis, Missouri** on **5-7 June 2007**. For more details, please go to <http://chppm-www.apgea.army.mil/risk>.

**Biological Assessment Workshops Presented by the Southwest Endangered Species Act Team.** This course is being offered jointly by the US Fish and Wildlife Service's National Conservation Training Center and the Southwest Strategy, and will be presented by Southwest Endangered Species Act Team (SWESA) members. The purpose of the course is to provide instruction and tools needed to prepare biological assessments, biological evaluations, and similar documents that initiate section 7 consultation under the Endangered Species Act with the US Fish and Wildlife Service. The workshops will be held in **Albuquerque, New Mexico** on **22-24** or **24-26 January 2007**. There is no fee for this workshop. For more information, please go to <http://www.fws.gov/arizonaes/Documents/MiscDocs/BAWorkshop06.pdf#search=%22swesa%20Biological%20Assessment%20Workshops%2B2006%22>.

**Hazardous Waste Management and Manifesting Initial DOT Certification Course.** As part of the US Army Corps of Engineers PROSPECT Training program, this 36-hour course fulfills the initial training requirements of 49 CFR 172, Subpart H and DOD 4500.9-R as they relate to the management and transportation of hazardous waste and the use of the new hazardous waste manifest. Training topics include RCRA waste classification, land disposal restrictions and notifications, generator requirements, manifesting requirements, identification of a DOT Reportable Quantity, use of the Hazardous Materials Table, DOT requirements for determining a shipping name, properly packaging, labeling, marking and placarding, and DOT emergency response requirements, and general security awareness training. In addition, the course addresses special EPA and DOT requirements for shipping asbestos and PCBs. Course 223 is listed as an approved DOD training source in DOD 4500.9-R and is ISEERB approved. The tuition is \$1,420 per person. To register, go online at <http://pdsc.usace.army.mil/HowToRegister.aspx>. For information about the course (<http://pdsc.usace.army.mil/CourseListDetailNewFy.aspx?CtrlNbr=223>), please call (402) 697-2562. The course is offered in **Phoenix, Arizona** on **12-16 March 2007**.

**Hazardous Waste Management and Manifest DOT Recertification Course.** The intent of this 16-hour USACE PROSPECT course is to fulfill the recurrent training requirements of 49 CFR 172, Subpart H as they relate to the transportation of hazardous wastes and the use of the new hazardous waste manifest. The course is listed as an approved DOD training source in DOD 4500.9-R and is ISEERB approved. The course control number is 429. The tuition for the refresher is \$700 per person. To register, go online at <http://pdsc.usace.army.mil/HowToRegister.aspx> For information about the course (<http://pdsc.usace.army.mil/CourseListDetailNewFy.aspx?CtrlNbr=429>) or call (402) 697-2562. The course is offered in **Phoenix, Arizona** on **14-15 March 2007**. Courses are open to all federal agencies.

**Historic Preservation Law and Section 106 Compliance.** This course is the next step after the "Introduction to Cultural Resource Management Laws and Regulations" course and emphasizes legal compliance (the National Historic Preservation Act Section 106 process). It addresses legislation and the process to meet the requirements of the law to help the student support their installation's mission. Course covers: communications with related oversight agencies (e.g., State Historic Preservation Officer (SHPO) and the Advisory Council on Historic Preservation); Standards for Rehabilitation; use of historic properties; Defining Historic Fabric; Maintenance and Repair of Historic buildings; Archeological Resources; Native American Issues. It is a 3 day, all day course. Please do not plan to leave early. There is no Tuition Cost for this Course. The Interservice Environmental Education Review Board (ISEERB) approves this course. The course will be held on **13-17 February 2007** at **Tampa, Florida** and on **17-19 April 2007** at **Tucson, Arizona**. For more information including registration, please go to <https://www.cecos.navy.mil>.

**2007 DoD Environmental Monitoring and Data Quality Workshop.** The next DoD Environmental Monitoring and Data Quality Workshop is scheduled for **26-30 March 2007** in **Albuquerque, New Mexico**, at the Albuquerque Marriott. Abstracts are being accepted for technical papers for a variety of topics. Abstracts are due by January 15, 2007; however, early submission is encouraged as space is limited. Abstract topics include: DoD emerging contaminants, performance-based contracting, Military Munitions Response Program, laboratory performance, data management and sharing, project planning, measurement uncertainty, field activities, and quality systems implementation. The Workshop also includes training opportunities in: DoD Quality System Manual (QSM) appendices, understanding the QSM for prime contractors, Staged Electronic Data Deliverables (SEDD), the Uniform Federal Policy – Quality Assurance Project Plans (UFP-QAPP) for Project Managers, and translating Data Quality Objectives (DQOs) to Measurement Quality Objectives (MQOs). More information and online registration are available at <http://www.navylabs.navy.mil/DoDChemistmeeting.htm>.

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## CONFERENCES AND SYMPOSIUMS

**The 25th Army Science Conference (ASC).** Sponsored by the Assistant Secretary of the Army (Acquisition, Logistics and Technology), This conference will be held at the Orange County Convention Center, **Orlando, Florida, 27-30 November 2006**. This conference is a significant milestone for the Army Science and Technology (S&T) community, as it will be 50 years since the Army has been sponsoring this biennial event to promote and showcase the Army's S&T program. The conference theme is "*Transformational Army Science and Technology - Charting the future of S&T for the Soldier.*" The conference will feature talks by prominent individuals from the U.S. and Allied governments, academia and industry - included in the list of speakers are eight Nobel Prize winners - and presentations of papers and posters judged as best among those submitted by scientists and engineers from government, industry and academia. Authors of the most outstanding papers will receive special recognition and awards. Additionally, an International Collaboration Award has been initiated for this and future conferences. The audience will include representatives from academia, industry, U.S. Government and over 30 Allied nations. For more details, please go to <http://www.asc2006.com/overview.htm>.

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**Acronyms and Abbreviations** The list of acronyms and abbreviations can be found on the AEC web site at <http://aec.army.mil/usaec/reo/creo03.html> and on DENIX at <https://www.denix.osd.mil/denix/State/Partnering/REC/rec.html> (click Information Library).

ACSIM = Assistant Chief of Staff for Installation Management  
ADEQ = Arkansas Department of Environmental Quality  
AEA = Atomic Energy Act of 1954

AEDB = Army Environmental Database  
 AERO = Army Environmental Reporting Online  
 AFCEE = U.S. Air Force Center for Environmental Excellence  
 AFIT = Air Force Institute of Technology  
 AIMO = Associated Industries of Missouri  
 AMOC = Adaptive Management Oversight Committee  
 ANPR = Advance Notice of Proposed Rulemaking  
 ANSI = American National Standards Institute  
 APA = American Planning Association  
 APC&EC = Arkansas Pollution Control and Ecology Commission  
 AQCR = Air Quality Control Region  
 AQI = Air Quality Index  
 AST = aboveground storage tank  
 ASTM = American Society for Testing and Materials  
 ASTSWMO = Association of State and Territorial Solid Waste Management Officials  
 ATV = all-terrain vehicle  
 AWMA = Air & Waste Management Association  
 BAT = best available technology  
 BGEPA = Bald and Golden Eagle Protection Act  
 BIA = Bureau of Indian Affairs  
 BOR = Bureau of reclamation  
 BRAC = Base Realignment and Closure  
 CAA = Clean Air Act  
 CACO = Congressional Affairs Contact Officer  
 CADD = computer-aided design and drafting  
 CAM = compliance assurance monitoring  
 CAMU = corrective action management unit  
 CARB = California Air Resources Board  
 CBT = computer-based training  
 CCAR = Coordinating Committee for Automotive Repair  
 CCP = Comprehensive Conservation Plan  
 C&D = construction and demolition  
 CECOS = Civil Engineer Corps Officers  
 CenSARA = Central States Air Resources Agencies  
 CEPPO = Chemical Emergency Preparedness and Prevention Office  
 CERCLA = Comprehensive Environmental Response, Compensation and Liability Act  
 CESQG = conditionally exempt small-quantity generator  
 CFC = chlorofluorocarbon  
 CFR = Code of Federal Regulations  
 CHPPM = U.S. Army Center for Health Promotion and Preventative Medicine  
 CINWL = commercial industrial nonhazardous waste landfill  
 CISWI = commercial and industrial solid waste incinerator  
 CO = carbon monoxide  
 CREO = Central Regional Environmental Office  
 CSR = Code of State Regulations  
 CTIC = Conservation Technology Information Center  
 CTT = closing, transferring and transferred ranges  
 CWA = Clean Water Act  
 DAC = Defense Ammunition Center  
 DBP = disinfection byproduct  
 DBPR = Disinfectants and Disinfection Byproducts Rule  
 DEI = Directorate of Environmental Integration  
 DENIX = Defense Environmental Network & Information eXchange  
 DERP = Defense Environmental Restoration Program  
 DFW = Dallas/Fort Worth  
 DNT = dinitrotoluene  
 DoD = U.S. Department of Defense  
 DOE = U.S. Department of Energy  
 DOI = U.S. Department of Interior  
 DOT = U.S. Department of Transportation



DRMS = Defense Reutilization and Marketing Service  
 DSMOA = Defense/State Memorandum of Agreement  
 EA = environmental assessment  
 EAC = Early Action Compact  
 ECAS = Environmental Compliance Assessment System  
 ECHO = Enforcement and Compliance History Online  
 ECOS = Environmental Council of the States  
 ECSR = Environmental Compliance Status Report  
 EIS = environmental impact statement  
 EMR = environmental management review  
 EMS = environmental management system  
 EO = executive order  
 EPA = U.S. Environmental Protection Agency  
 EPAS = Environmental Performance Assessment System  
 EPCRA = Emergency Planning and Community Right-to-Know Act  
 ER = environmental restoration  
 ERC = Emission Reduction Credit  
 ERTTP = Environmental Response Training Program  
 ETMD = Environmental Training and Management Division  
 EVR = Enhanced Vapor Recovery  
 FAA = Federal Aviation Administration  
 FEIS = Final Environmental Impact Statement  
 FIFRA = Federal Insecticide, Fungicide and Rodenticide Act  
 FFEO = Federal Facilities Enforcement Office  
 FM = facilities management  
 FR = Federal Register  
 FS = Feasibility Study  
 FUDS = Formerly Used Defense Sites  
 FY = fiscal year  
 GAO = General Accounting Office  
 GCP = general construction permit  
 GIS = geographic information system  
 gpd = gallons per day  
 GSA = General Services Administration  
 HAP = hazardous air pollutant  
 HAZMAT = hazardous materials  
 HAZWOPER = Hazardous Waste Operations and Emergency Response  
 HB = House Bill  
 HGA = Houston/Galveston Area  
 HJR = House Joint Resolution  
 HM = hazardous material  
 HMIRS = Hazardous Materials Information Resource System  
 HMIWI = hospital/medical/infectious waste incinerator  
 HMX = high melting point explosive  
 HQ = headquarters  
 HRVOC = highly-reactive volatile organic compounds  
 HSB = House Study Bill  
 HTRW = hazardous/toxic and radioactive waste  
 IAC = Iowa Administrative Code  
 IBR = Incorporated By Reference  
 IDNR = Iowa Department of Natural Resources  
 IDOT = Iowa Department of Transportation  
 IESWTR = Interim Enhanced Surface Water Treatment Rule  
 I&M = inspection and maintenance  
 IMI = Installation Management Institute  
 INSTEP = International Society of Technical and Environmental Professionals  
 ISEERB = Interservice Environmental Education Review Board  
 ISO = International Organization for Standardization  
 ISR = Installation Status Report  
 ITAM = Integrated Training Area Management

ITRC = Interstate Technology Regulatory Council  
 JRTC = Joint Readiness Training Center  
 KAR = Kansas Administrative Rules  
 KCMA = Kansas City Metropolitan Area  
 KDA = Kansas Department of Agriculture  
 KDHE = Kansas Department of Health and Environment  
 kW = kilowatt  
 LAC = Louisiana Administrative Code  
 LAMW = low-activity mixed waste  
 LANL = Los Alamos National Laboratory  
 LB = legislative bill  
 LDEQ = Louisiana Department of Environmental Quality  
 LDR = land disposal restriction  
 LLRW = low level radioactive waste  
 LPDES = Louisiana Pollutant Discharge Elimination System  
 LPST = leaking petroleum storage tank  
 LQG = large quantity generator  
 LT1ESWTR = Long Term 1 Enhanced Surface Water Treatment Rule  
 LT2ESWTR = Long Term 2 Enhanced Surface Water Treatment Rule  
 LUC = land use control  
 LUST = leaking underground storage tank  
 MACT = maximum achievable control technology  
 MCL = maximum contaminant level  
 MCLG = maximum contaminant level goal  
 MDNR = Missouri Department of Natural Resources  
 MDS = minimum desirable streamflow  
 MSDS = Material Safety Data Sheet  
 MEG = Military Environmental Group  
 MEGCs = multiple-element gas containers  
 MEK = methyl ethyl ketone  
 mg/L = milligram per liter  
 mg/yr = megagrams per year  
 MMR = Military Munitions Rule  
 mph = mile per hour  
 MP&M = metal products and machinery  
 M2R = Military Munitions Rule  
 mrem = millirem  
 mrem/yr = millirem per year  
 MRDLGs = maximum residual disinfectant level goals  
 MS4 = municipal separate storm sewer system  
 MSDS = material safety data sheet  
 MSWG = Multi-State Working Group  
 MSWLF = municipal solid waste landfill  
 MSWTS = municipal solid waste transfer station  
 MTBE = methyl tertiary butyl ether  
 MVECP = Motor Vehicle and Engine Compliance Program  
 MVEB = Motor Vehicle Emission Budget  
 MWC = municipal waste combustion  
 NAAQS = National Ambient Air Quality Standard  
 NAICS = North American Industry Classification System  
 NDEQ = Nebraska Department of Environmental Quality  
 NDIA = National Defense Industrial Association  
 NEPA = National Environmental Policy Act  
 NESHAP = National Emission Standards for Hazardous Air Pollutants  
 NFPA = National Fire Protection Association  
 NGWA = National Ground Water Association  
 NHPA = National Historic Preservation Act  
 NMAC = New Mexico Administrative Code  
 NMED = New Mexico Environment Department  
 NMOC = non-methane organic compound

NO<sub>x</sub> = nitrogen oxides  
 NORM = naturally occurring radioactive material  
 NPDES = National Pollutant Discharge Elimination System  
 NRC = Nuclear Regulatory Commission  
 NREO = Northern Regional Environmental Office  
 NREP = National Registry of Environmental Professionals  
 NSP = new source performance  
 NSR = new source review  
 OAC = Oklahoma Administrative Code  
 OCLL = Office of Chief, Legislative Liaison  
 ODEQ = Oklahoma Department of Environmental Quality  
 OE = ordnance and explosives  
 OFR = Office of the Federal Register  
 OMB = Office of Management and Budget  
 OMEG = Oklahoma Military Environmental Group  
 ORVR = onboard refueling vapor recovery  
 OSHA = Occupational Safety and Health Administration  
 OSPRA = Oil Spill Prevention and Response Act  
 OSSF = on-site sewage facility  
 OSWER = Office of Solid Waste and Emergency Response  
 P2 = pollution prevention  
 PASS = Permit Application Software System  
 PAL = plant-wide applicability limitation  
 PBR = permit by rule  
 PBT = persistent bioaccumulative toxin  
 PCB = polychlorinated biphenyl  
 pCi/L = picocurie per liter  
 PEMS = Predictive Emission Monitoring Systems  
 PER = Permitting for Environmental Results  
 PHMSA = Pipeline And Hazardous Materials Safety Administration  
 P.L. = public law  
 PM = particulate matter  
 PM<sub>2.5</sub> = Fine Particulate Matter with a diameter smaller than 2.5 microns  
 POC = point of contact  
 POM = Program Objective Memorandum  
 POTW = publicly owned treatment works  
 ppb = part per billion  
 ppm = part per million  
 PRP = potentially responsible party  
 PSD = prevention of significant deterioration  
 PST = petroleum storage tank  
 PSTTF = Petroleum Storage Tank Trust Fund  
 PTE = potential to emit  
 PWS = public water system  
 RACM = reasonably available control measures  
 RACT = reasonably available control technology  
 RCRA = Resource Conservation and Recovery Act  
 RDX = Royal Demolition eXplosive  
 REC = Regional Environmental Coordinator  
 REGFORM = Regulatory Environmental Group for Missouri  
 RFG = reformulated gasoline  
 RI = remedial investigation  
 RICE = reciprocating internal combustion engine  
 ROD = record of decision  
 SAME = Society of American Military Engineers  
 SB = Senate Bill  
 SDWA = Safe Drinking Water Act  
 SDWIS = Safe Drinking Water Information System  
 SERDP = Strategic Environmental Research and Development Program  
 SIC = Standard Industrial Classification

SIP = State Implementation Plan  
SM = Senate Measure  
SO<sub>2</sub> = Sulfur dioxide  
SPCC = Spill Prevention, Control, and Countermeasure  
SQG = small quantity generator  
SREO = Southern Regional Environmental Office  
TAC = Texas Administrative Code  
TBD = to be determined  
TCEQ = Texas Commission on Environment Quality  
TCM = transportation control measure  
TDS = total dissolved solids  
TEFs = Toxicity equivalency factors (related to dioxins)  
TEQ = Toxicity equivalency (related to dioxins)  
TERP = Texas Emissions Reduction Plan  
TIM = Transformation of Installation Management  
TMDL = total maximum daily load  
TPDES = Texas Pollutant Discharge Elimination System  
TRI = Toxics Release Inventory  
TRI-DDS = Toxics Release Inventory – Data Delivery System  
TRRP = Texas Risk Reduction Program  
TSCA = Toxic Substances Control Act  
TSP = Total Suspended Particulate  
tpy = tons per year  
TNT = trinitrotoluene  
TXEP = Texas Environmental Partnership  
UIC = underground injection control  
UN = United Nations  
USACE = U.S. Army Corps of Engineers  
USAEC = U.S. Army Environmental Command  
U.S.C. = United States Code  
USFWS = U.S. Fish and Wildlife Service  
USGS = U.S. Geological Survey  
UST = underground storage tank  
UXO = unexploded ordnance  
VOC = volatile organic compound  
WET = whole effluent toxicity  
WMM = waste military munitions  
WQBEL = water quality-based effluent limit  
WQMP = Water Quality Management Plan  
WREO = Western Regional Environmental Office  
ug/L = microgram per liter

